



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

## NOTICE OF ACCEPTANCE (NOA)

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

Tubular Skylight, Inc.  
753 Cattlemen Road.  
Sarasota, FL 34232

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida building Code.

### DESCRIPTION: Polycarbonate Domed Tubular Skylight

**APPROVAL DOCUMENT:** Drawing No. 14009, titled "Polycarbonate Impact Resistant Skylight System", sheets 1 through 4 of 4, prepared by R & S Professional Engineering, dated January 31, 2014, signed and sealed by Luis A. Rosario, P.E., on March 12, 2015 bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large & Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein and the dome shall be properly marked by GE Plastics.

**RENEWAL** of this NOA shall not be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 13-1205.01 and consists of this page 1, evidence submitted pages E-1, E-2, and E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



*Helmy A. Makar*  
04/02/2015

NOA No. 14-1028.03  
Expiration Date: 12/18/2019  
Approval Date: 04/02/2015  
Page 1

**Tubular Skylight, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #03-0728.01**

**A. DRAWINGS**

1. *Drawing No. 03-318, sheets 1 through 4 of 4, titled "No Titled", prepared by Knezevich & Associates, Inc, dated 07/22/03, with last revision on 11/19/03, signed and sealed by V. J. Knezevich, P.E.*

**B. TESTS**

1. *Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202, on "Polycarbonate Hemispherical Dome Skylights", specimens A1, A2, B1, C1, C2, D1 & D2. They were prepared by Construction Testing Corporation, report No. 03-016 dated 07/18/03, signed and sealed by Y. G. Kuri PE.*
2. *Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202, on "Polycarbonate Hemispherical Dome Skylight", specimens A1, A2, B1, C1, C2, D1 & d2. They were prepared by Construction Testing Corporation, No. 03-016, dated 07/18/03, signed and sealed by Y. G. Kuri, PE.*
3. *Test report on Uniform Static Air Pressure Test per TAS 202 on "Polycarbonate Hemispherical Dome Skylight", specimen A2, C2 & D2. It was prepared by Construction Testing Corporation report No. 03-016S, dated 10/22/03, signed and sealed by Y. G. Kuri, PE.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

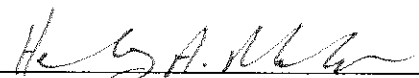
1. *By Miami-Dade County Building Code Compliance Office.*

**E. MATERIAL CERTIFICATIONS**

1. *Notice of Acceptance No.03-0924.01 issued to General Electric Company on 11/13/03,expiring on 07/17/08.*

**F. STATEMENTS**

1. *Code compliance letter issued by Knezevich & Associates, Inc on 07/24/03, and signed by V. J. Knezevich, PE.*
2. *No financial interest letter issued by Knezevich & Associates, Inc. on 07/24/03, and signed by V. J. Knezevich, PE.*

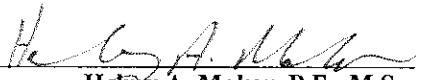


**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 14-1028.03**  
**Expiration Date: 12/18/2019**  
**Approval Date: 04/02/2015**

**Tubular Skylight, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- 2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-0212.01**
- A. DRAWING**  
1. *None.*
- B. TESTS**  
1. *None.*
- C. CALCULATIONS**  
1. *None.*
- D. QUALITY ASSURANCE**  
1. *By Miami-Dade County Building Code Compliance Office.*
- E. MATERIAL CERTIFICATIONS**  
1. *None.*
- 3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-1205.01**
- A. DRAWING**  
1. *None.*
- B. TESTS**  
1. *None.*
- C. CALCULATIONS**  
1. *None.*
- D. QUALITY ASSURANCE**  
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*
- E. MATERIAL CERTIFICATIONS**  
1. *None.*
- F. STATEMENTS**  
1. *Florida Building Code, 2010 Edition, Code compliance letter issued by R & S Professional Engineering Services, LLC, dated February 05, 2014, signed and sealed by Luis A. Rosario, P.E.*

  
\_\_\_\_\_  
Helmy A. Makar, P.E., M.S.  
Product Control Unit Supervisor  
NOA No. 14-1028.03  
Expiration Date: 12/18/2019  
Approval Date: 04/02/2015

**Tubular Skylight, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWING**

1. *Drawing No. 14009, titled " Polycarbonate Impact Resistant Skylight System ", sheets 1 through 4 of 4, prepared by R & S Professional Engineering, dated January 31, 2014, signed and sealed by Luis A. Rosario, P.E., on March 12, 2015.*

**B. TESTS**

1. *Test report on Large Missile Impact Test per TAS 201, Cyclic Load Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202, on "Polycarbonate Hemispherical Dome Skylight", prepared by Architectural Testing, Inc., report No. E3178.01-401-18 dated 01/15/15, signed and sealed by Shawn G. Collins, P.E.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

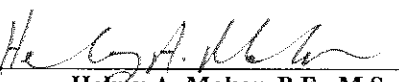
1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Florida Building Code, 2010 Edition, Code compliance letter issued by R & S Professional Engineering Services, LLC, dated February 05, 2014, signed and sealed by Luis A. Rosario, P.E.*

  
\_\_\_\_\_  
**Helmy A. Makar, P.E., M.S.**  
**Product Control Unit Supervisor**  
**NOA No. 14-1028.03**  
**Expiration Date: 12/18/2019**  
**Approval Date: 04/02/2015**

# GENERAL NOTES:

1. THESE APPROVAL DOCUMENTS REPRESENT A POLYCARBONATE IMPACT RESISTANT SKYLIGHT SYSTEM ANALYZED WITH THE PROVISION SET FOR THE ISSUANCE OF A NOTICE OF ACCEPTANCE (NOA) BY MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE FLORIDA BUILDING CODE.
2. SKYLIGHT DOMES SHALL BE VACUUM FORMED FROM CLEAR POLYCARBONATE SHEETS TO A DOME MINIMUM THICKNESS OF 0.093" OR 0.118" AS NOTED ON THESE DRAWINGS.
3. ALL SKYLIGHT DOME SYSTEMS DEPICTED IN THESE APPROVAL DOCUMENTS ARE RATED FOR THE FOLLOWING DESIGN PRESSURE:  
  
MAX. POSITIVE (+) 90 P.S.F.  
MAX. NEGATIVE (-) 120 P.S.F.
4. MATERIAL SPECIFICATIONS:  
  
A) ALL POLYCARBONATE DOMES SHALL BE FABRICATED FROM GE LEXAN POLYCARBONATE SHEET NUMBER 9034 AS APPROVED UNDER MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE NUMBER 00-0718.02. SYNTHETIC THERMOPLASTIC POLYMER TENSILE STRENGTH  $F_y = 8,908$  P.S.I., FLEXURAL STRENGTH  $F_{by} = 12,900$  P.S.I., FLEXURAL MODULUS  $E = 328,700$  P.S.I.
- B) POLYESTER OUTER SEALS SHALL BE THOROUGHLY CURED CLOSED AND OPEN CELL FOAM, 2 LBS PER CUBIC FOOT MEETING UL94-HF-1 LISTING.
5. A 33% INCREASE IN ALLOWABLE STRESS HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT.
6. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE, WHEN REFERENCING THESE DOCUMENTS, IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY.
7. THESE APPROVAL DOCUMENTS ARE GENERIC AND DO NOT INCLUDE INFORMATION FOR SITE-SPECIFIC APPLICATION OF THIS SKYLIGHT SYSTEM.
8. THESE APPROVAL DOCUMENTS SHALL COMPLY WITH CHAPTER 61G15-23 OF THE FLORIDA ADMINISTRATIVE CODE.
9. THESE APPROVAL DOCUMENTS, ARE SUITABLE TO BE APPLIED BY THE CONTRACTOR PROVIDED THE CONTRACTOR DOES NOT DEVIATE FROM THE CONDITIONS DETAILED HEREIN AND THE CONTRACTOR VERIFIES THAT THE EXISTING STRUCTURE DOES NOT DEVIATE IN EITHER FORM OR MATERIAL FROM THAT DETAILED HEREIN.
10. ANY MODIFICATIONS OR ADDITIONS TO THESE APPROVAL DOCUMENTS WILL VOID THE APPROVAL DOCUMENTS.
11. WHEN THE SITE CONDITIONS DEVIATE FROM THESE APPROVAL DOCUMENTS, THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:  
  
A) REQUIRE THAT SITE SPECIFIC DOCUMENTS BE PREPARED, SIGNED, DATED AND SEALED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT, WHICH DETAIL AND JUSTIFY THE DEVIATION. SAID DOCUMENTS SHALL BE SUBMITTED TO THE PRODUCT ENGINEER FOR REVIEW AS A CONDITION TO THE BUILDING OFFICIAL GRANTING THEIR APPROVAL.
- B) REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND SECURED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.

WHEN THE SITE CONDITION DEVIATIONS OCCUR WITHIN THE HIGH VELOCITY HURRICANE ZONE AREAS ONLY OPTION "B" SHALL BE ACCEPTED BY THE BUILDING OFFICIAL.

12. PRODUCT SHALL BE PERMANENTLY LABELED AS FOLLOWS:

TUBULAR SKYLIGHT, INC.  
SARASOTA, FLORIDA  
MIAMI-DADE COUNTY PRODUCT APPROVAL

13. ALL METAL FLASHING SHALL BE 26 GA. (0.0179" MIN. THICKNESS) STEEL IN ACCORDANCE WITH ASTM A792 CQ WITH AN AZ60 HOT DIPPED ALUMINUM ZINC ALLOY COATING (GALVALUME).
14. ALL BOLTS, SCREWS AND WASHERS SHALL BE STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 K.S.I., U.O.N.
15. ALL INSTALLATIONS OF THIS SKYLIGHT SYSTEM SHALL FOLLOW THESE APPROVED DOCUMENTS AND THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. ALL ROOFING DETAILS SHALL COMPLY WITH THE PROVISION OF CHAPTER 15 OF THE FLORIDA BUILDING CODE.
17. ALL SKYLIGHT DOMES SHALL BE INSTALLED TO PROVIDE A MINIMUM CLEARANCE OF 4" ABOVE THE FINISH ROOF SURFACE OR FINISH ROOF SINGLE-PLY MEMBRANE IN COMPLIANCE WITH THE PROVISIONS OF THE MIAMI-DADE COUNTY ROOFING PROTOCOL RAS No. 111, SECTION 9.3. FOR INSULATION AND ROOF TILE, ADD TILE HEIGHT AND INSULATION THICKNESS TO 4" MINIMUM HEIGHT.

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-1028.03  
Expiration Date 12/18/2019  
By *[Signature]*  
Miami Dade Product Control

R&S Professional Engineering  
COA# 29251  
Luis A Rosano, P.E. #61828  
Miguel Siovak, P.E. #67628  
3300 25th Street West - Bradenton, FL 34205  
TEL: 941-755-7087 FAX: 941-755-7327 E-MAIL: rse@rspe.com

DOMS SKYLIGHT APPROVAL  
TUBULAR SKYLIGHT INC.  
753 CATTLEMAN ROAD.  
SARASOTA, FL 34232

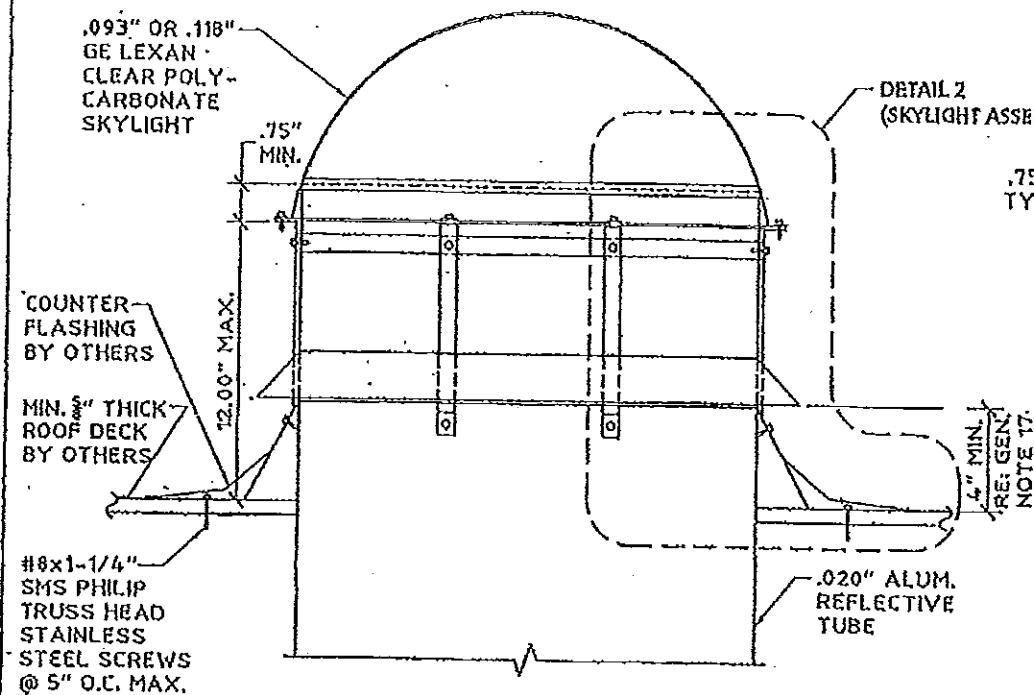
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© 2014

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DRAWN BY:  
A. Rina  
DATE: 01/31/14

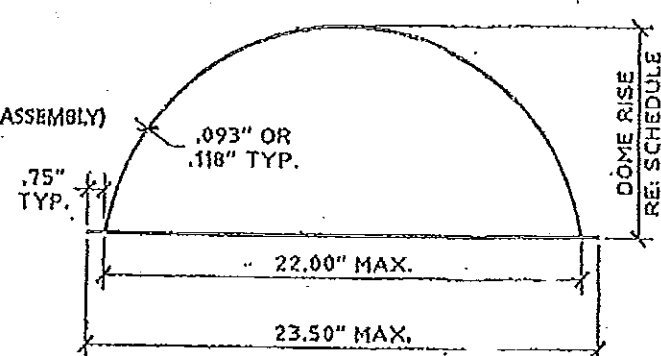
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NO.	DATE

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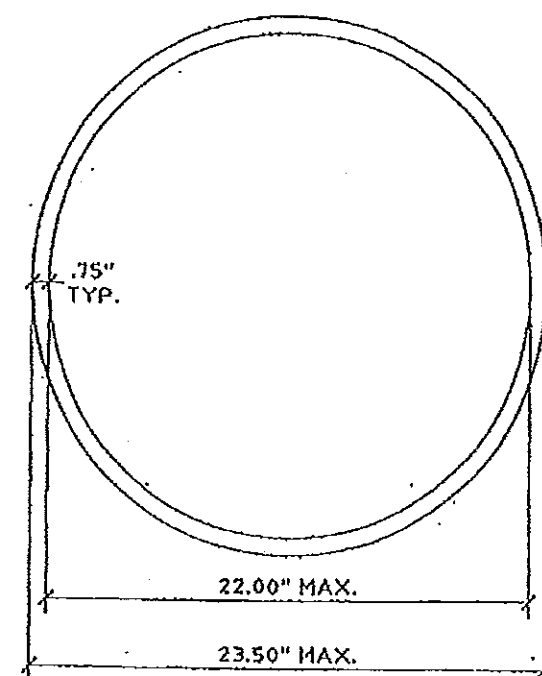
MAR 12 2015



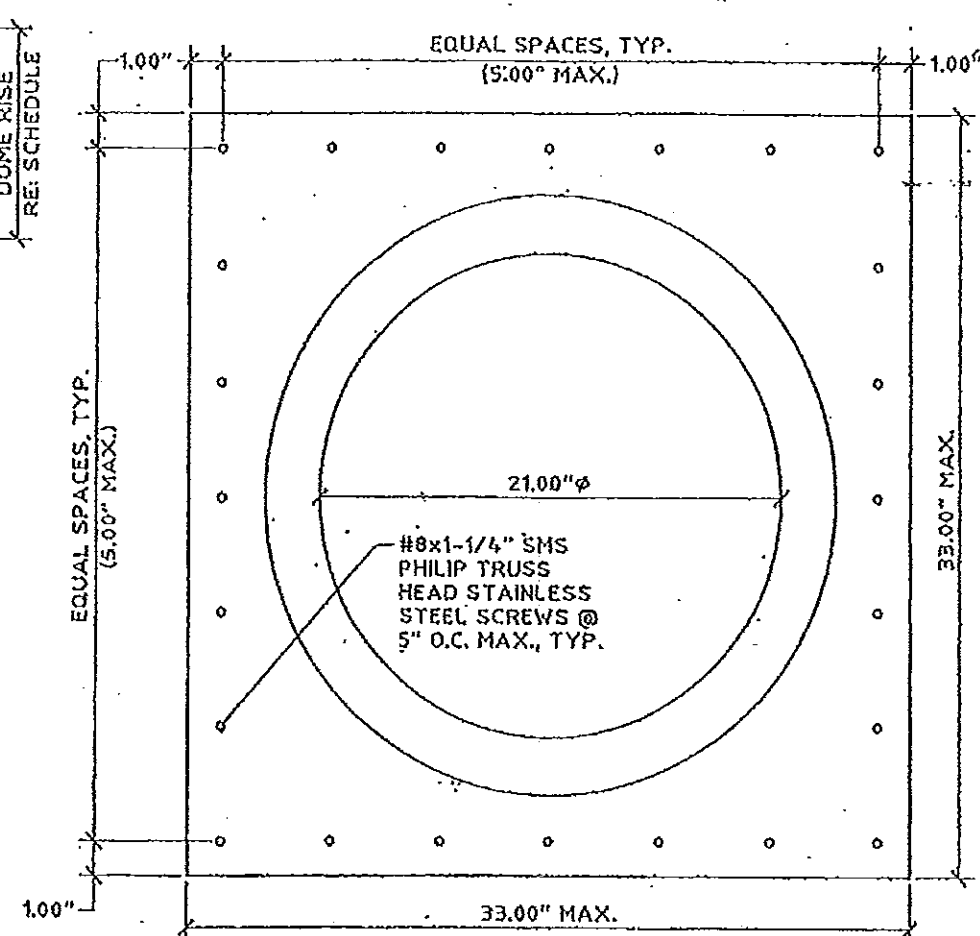
① STANDARD FLAT ROOF MOUNT (STD-F MODEL)  
SCALE: 1-1/2" = 1' - 0"



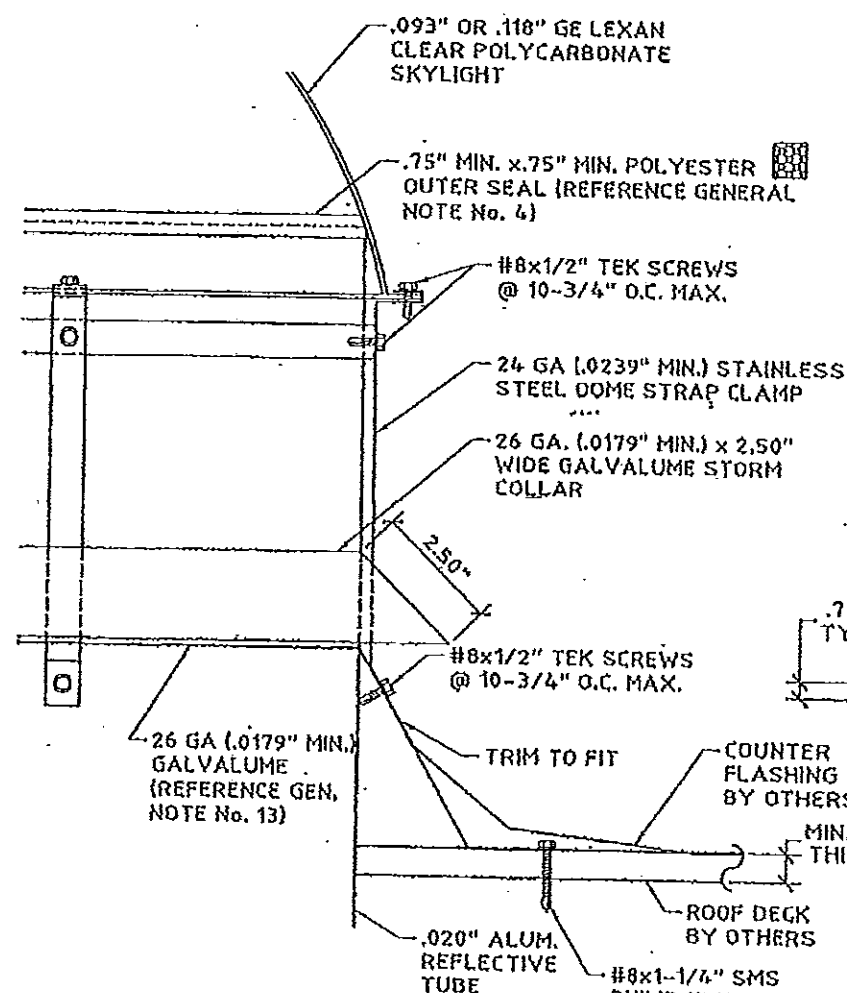
③ POLYCARBONATE DOME PROFILE  
(STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"



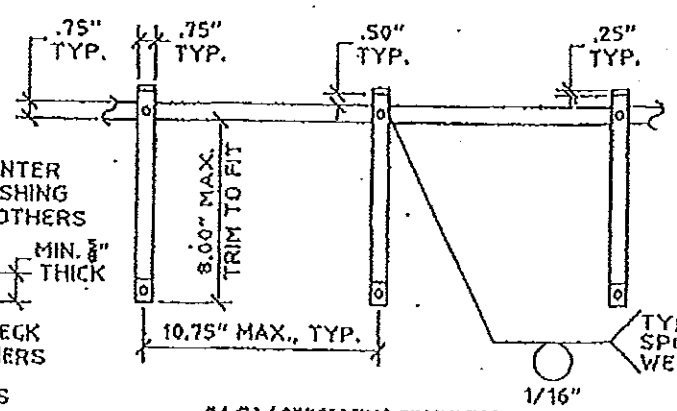
④ POLYCARBONATE DOME PLAN  
(STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"



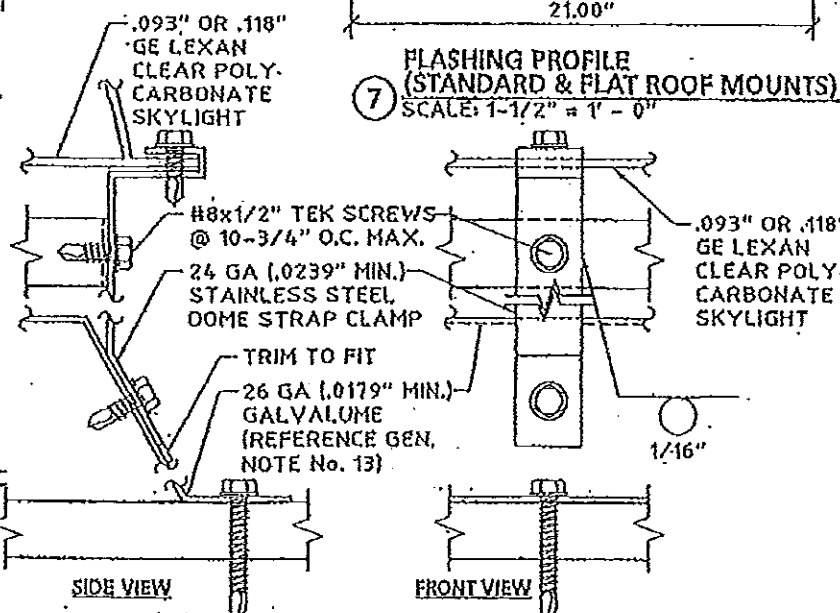
⑥ FLASHING PLAN  
(STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"



② SKYLIGHT ASSEMBLY  
SCALE: 3\"/>



⑤ DOME CLAMP STRAP  
SCALE: 1-1/2" = 1' - 0"



⑦ FLASHING PROFILE  
(STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-1028.03  
Expiration Date 12/18/2019  
By *Heidi A. Miller*  
Miami Dade Product Control

R&S Professional Engineering  
CO# 29251  
Luis A. Rosano, P.E. #61828  
Milan Slovák, P.E. #67628  
3300 28th Street West - Bradenton, FL 34205  
Tel: (941) 755-7087 Fax: (941) 755-7227 E-Mail: rps@rspe.com

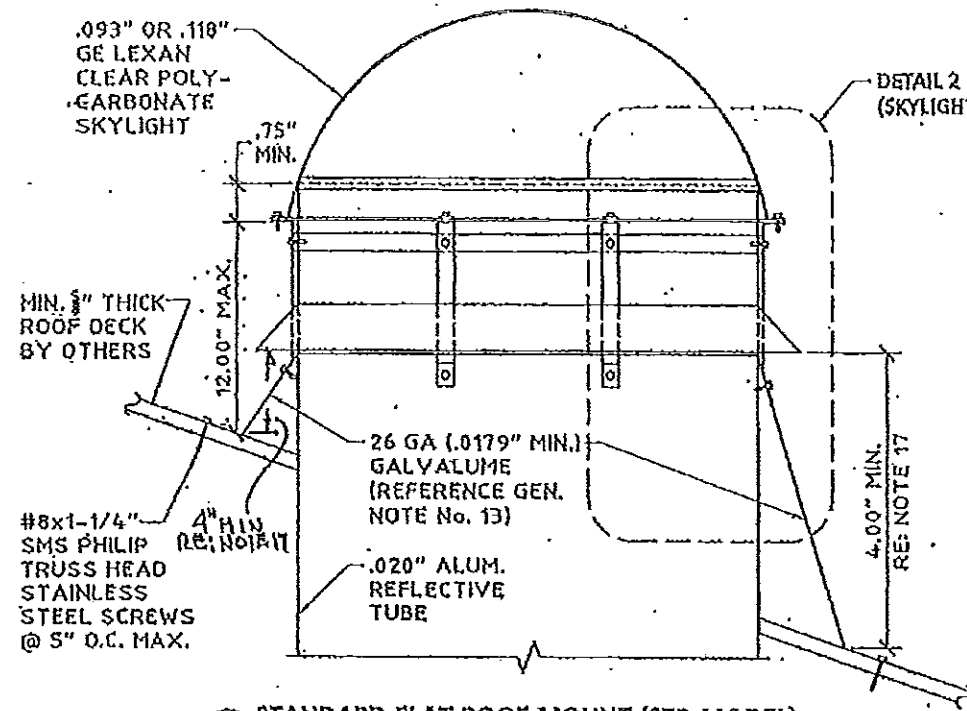
DOMES SKYLIGHT APPROVAL:  
**TUBULAR SKYLIGHT INC.**  
753 CATTLEMAN ROAD.  
SARASOTA, FL 34232

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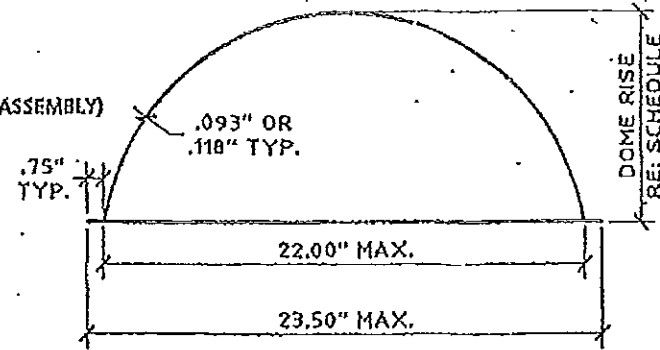
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DRAWN BY:  
A. NINA  
DATE: 01/31/11

NO.	REVISIONS

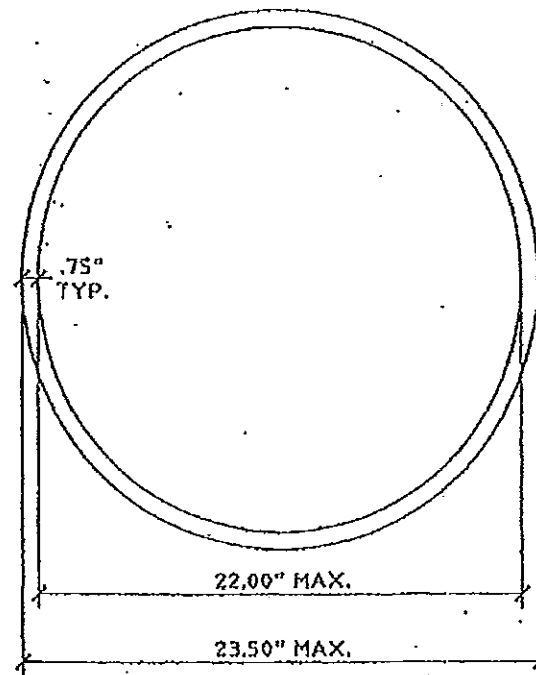
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2 OF 4  
MAR 12 2015



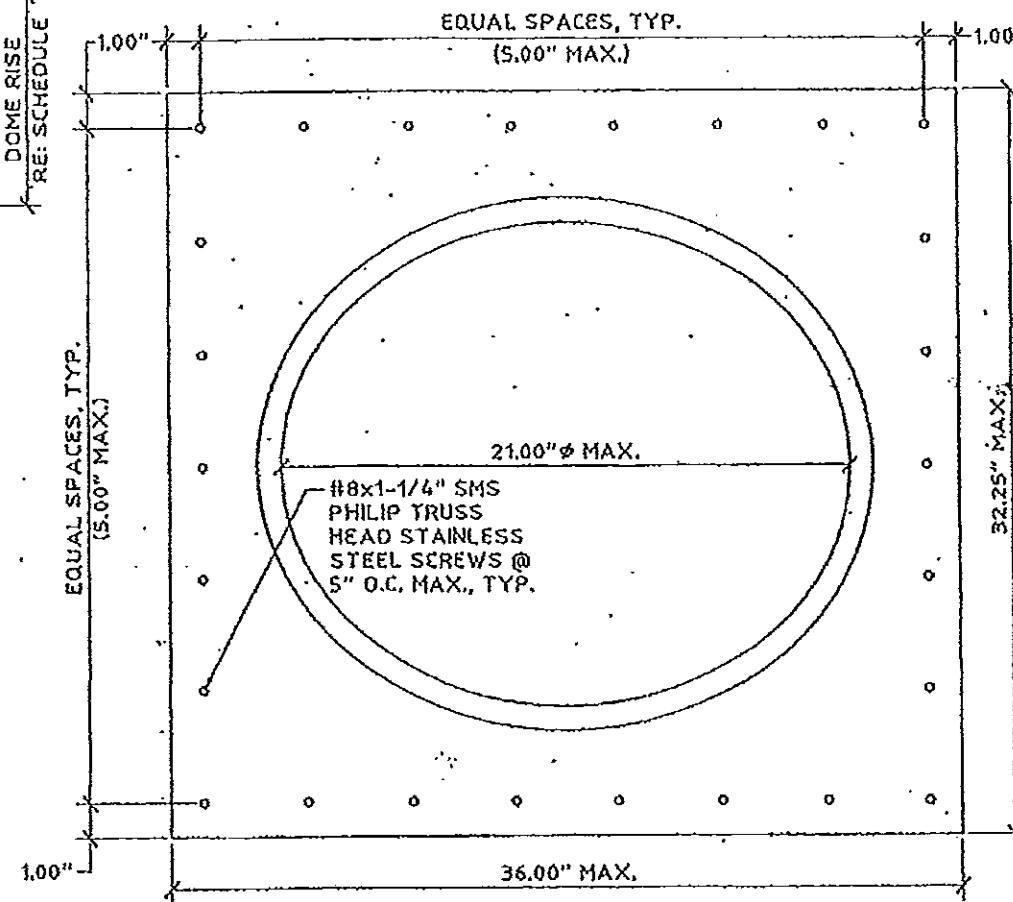
① STANDARD FLAT ROOF MOUNT (STD MODEL)  
SCALE: 1-1/2" = 1' - 0"



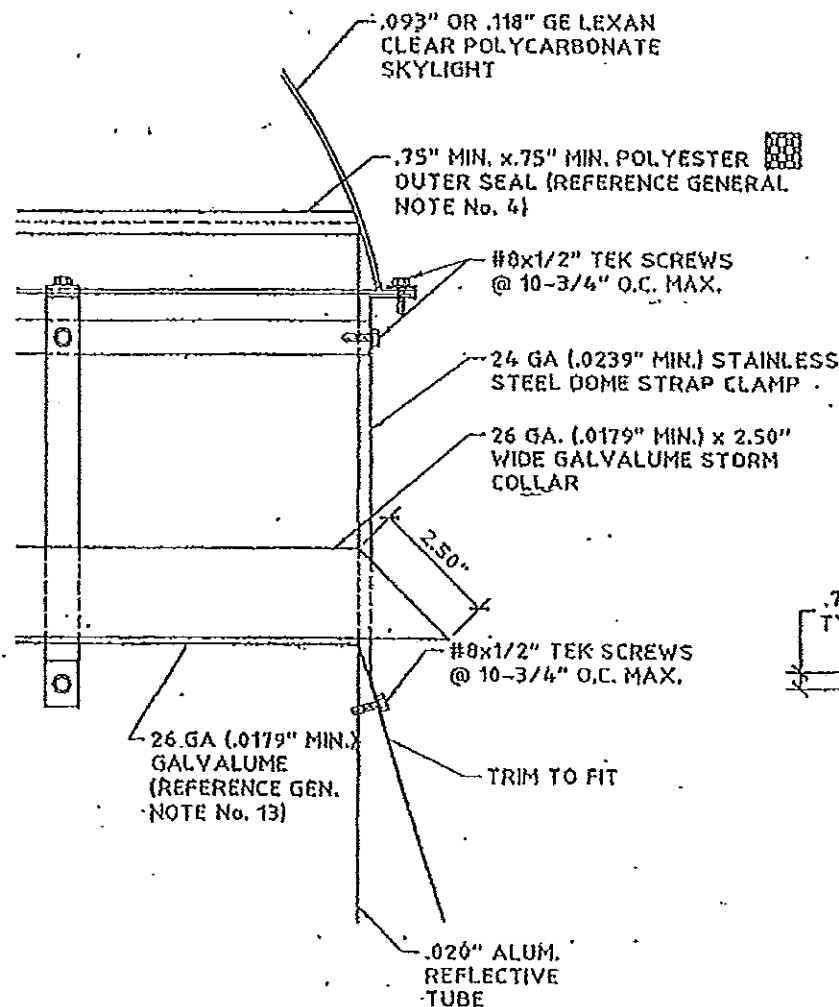
③ POLYCARBONATE DOME PROFILE  
(STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"



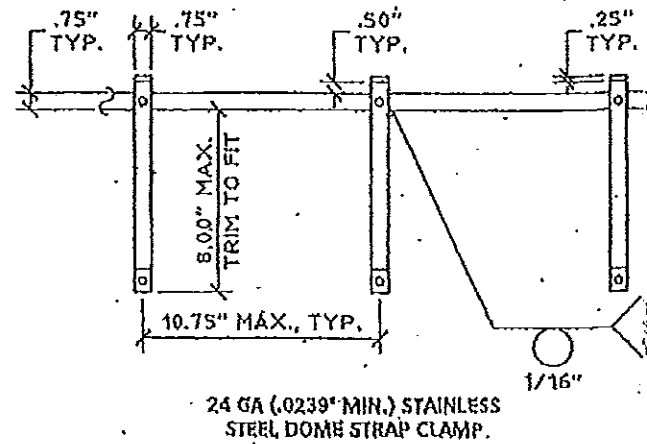
④ POLYCARBONATE DOME PLAN  
(STANDARD & FLAT ROOF MOUNTS)  
SCALE: 1-1/2" = 1' - 0"



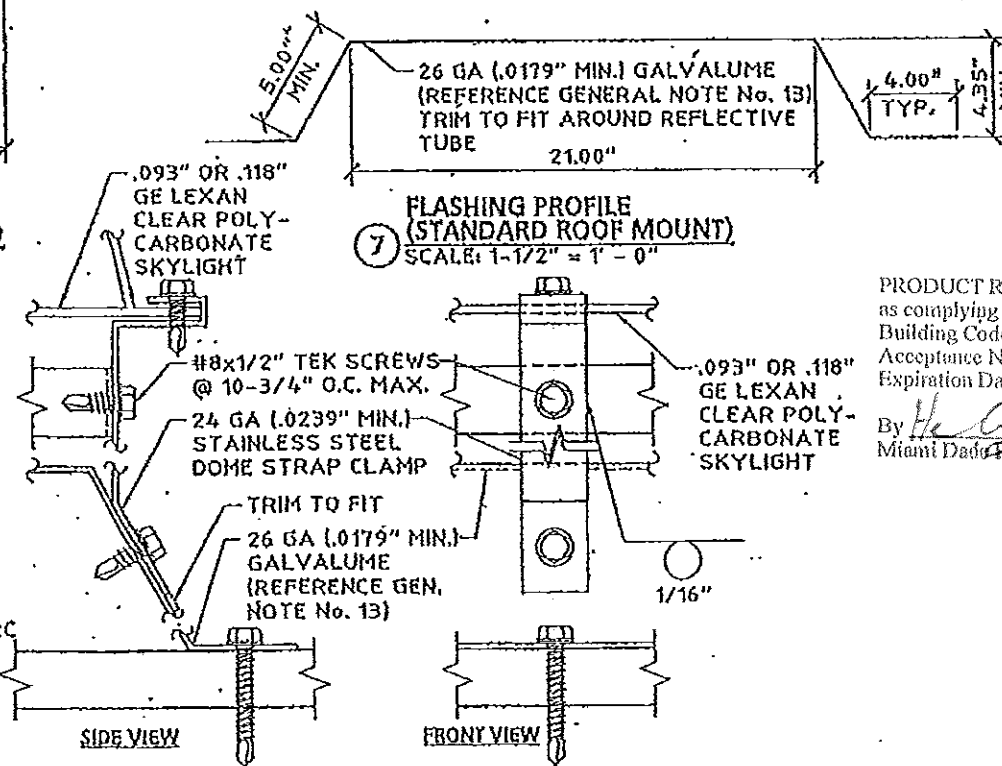
⑥ FLASHING PLAN  
(STANDARD ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"



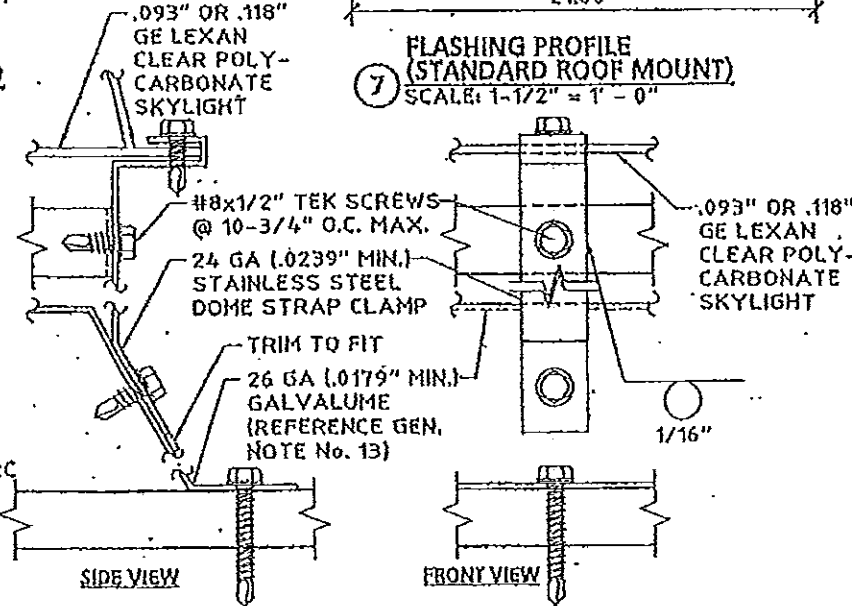
② SKYLIGHT ASSEMBLY  
SCALE: 3\"/>



⑤ DOME CLAMP STRAP  
SCALE: 1-1/2" = 1' - 0"



⑦ FLASHING PROFILE  
(STANDARD ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"



⑧ DOME CLAMP STRAP  
SCALE: HALF SIZE

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-1028.03  
Expiration Date 12/18/2019  
By *Heidi A. Miller*  
Miami Dade Product Control

R&S Professional Engineering  
COA# 28251  
Luis A. Rosario, P.E. #61828  
Milan Slovak, P.E. #67628  
3300 26th Street West - Suite 100  
Fort Myers, FL 33905  
Tel: (941) 955-1187 Fax: (941) 955-1187 Email: info@rspe.com

DOM SKYLIGHT APPROVAL:  
TUBULAR SKYLIGHT INC.  
753 CATTLEMAN ROAD,  
SARASOTA, FL 34232

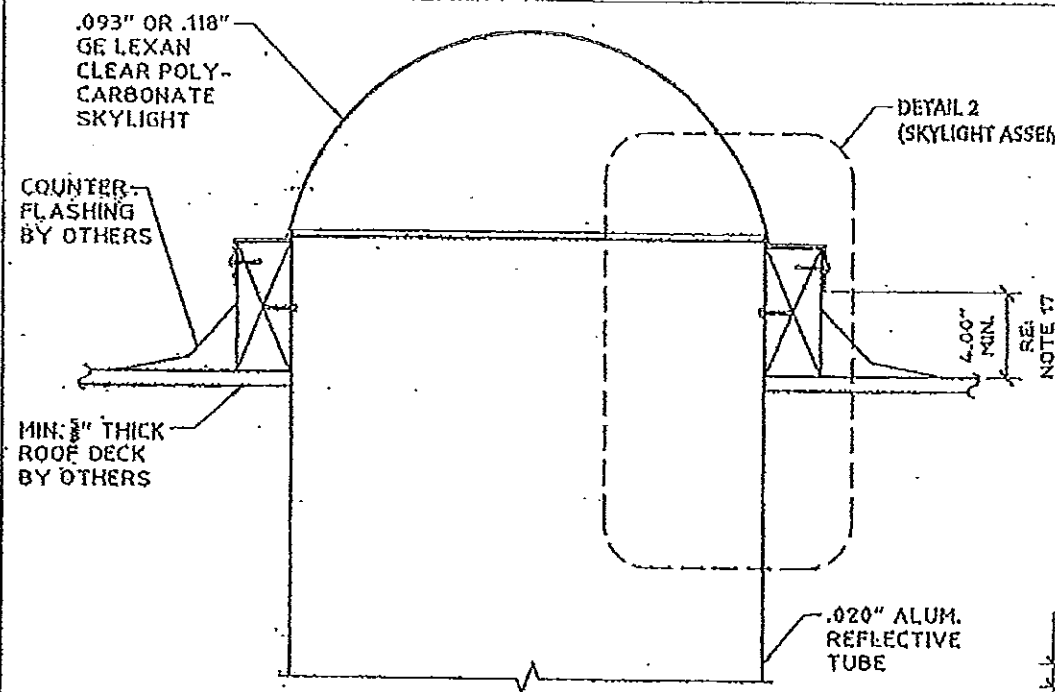
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OR BY ANY MEANS, ELECTRONIC  
OR MECHANICAL, INCLUDING  
PHOTOCOPYING, RECORDING,  
OR BY ANY INFORMATION  
STORAGE AND RETRIEVAL  
SYSTEM, WITHOUT PERMISSION  
IN WRITING FROM TUBULAR  
SKYLIGHT INC.

NO. 1409  
SCALE: NOTED  
DRAWN BY:  
A. Rios  
DATE: 01-31-14

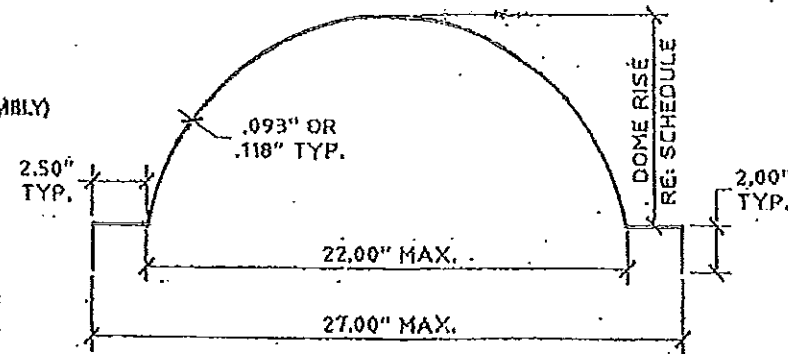
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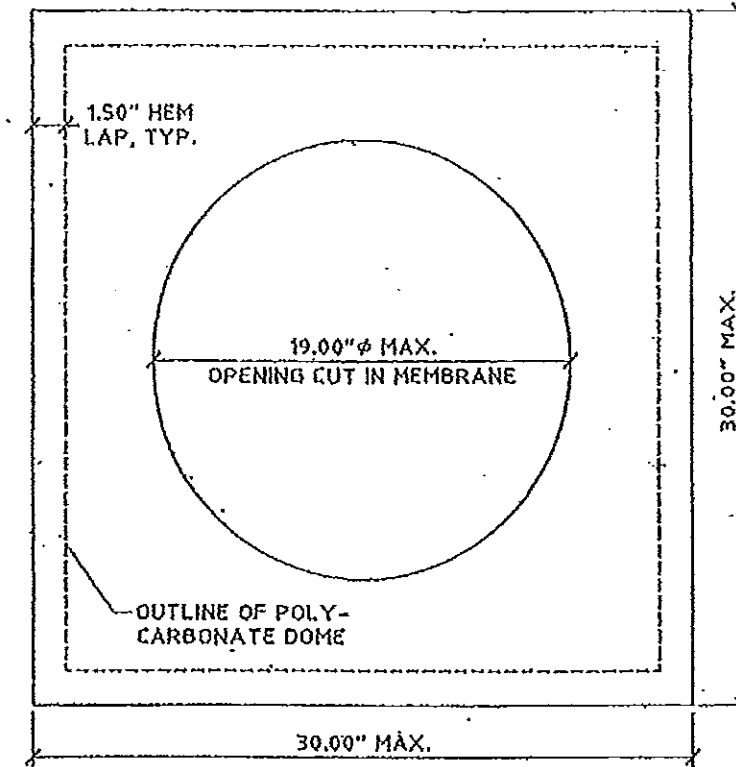
MAR 12, 2015



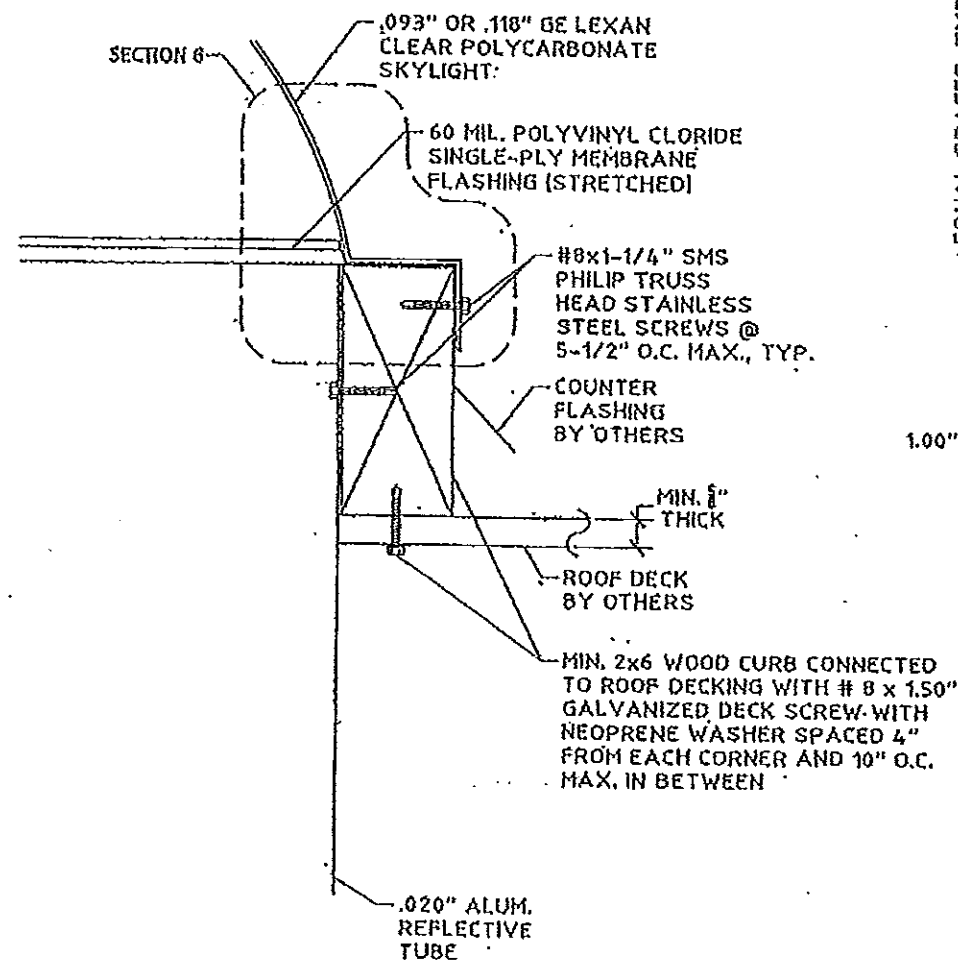
① LOW PROFILE FLAT ROOF MOUNT (LRM-C MODEL)  
SCALE: 1-1/2" = 1' - 0"



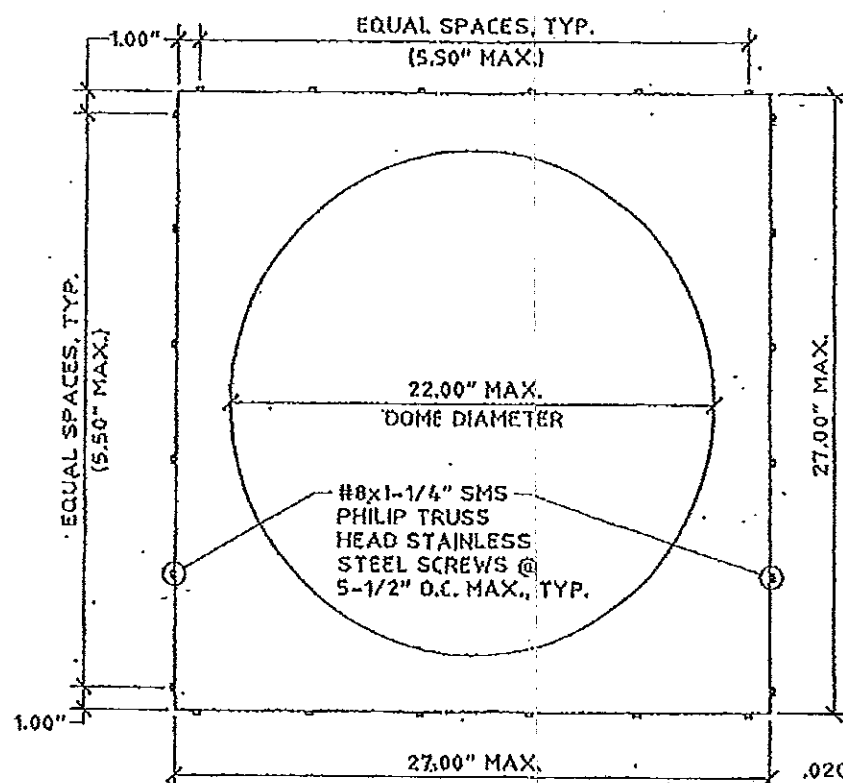
③ POLYCARBONATE DOME PROFILE  
(LOW PROFILE FLAT ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"



⑤ 60 MIL. POLYVINYL CHLORIDE SINGLE-PLY MEMBRANE  
FLASHING BY SEAMAN CORP. APPROVED BY MDC N.O.A.  
# 00-1208.02 (LOW PROFILE FLAT ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"

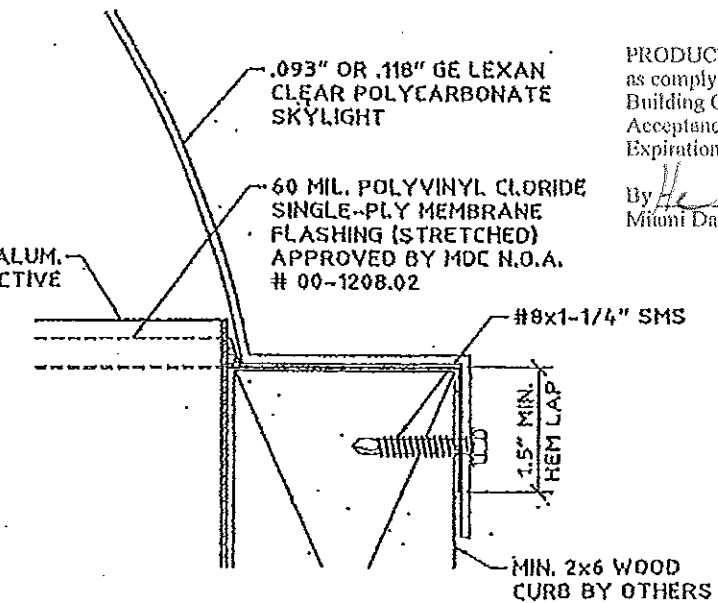


② SKYLIGHT ASSEMBLY  
SCALE: 3\"/>



④ POLYCARBONATE DOME PLAN  
(LOW PROFILE FLAT ROOF MOUNT)  
SCALE: 1-1/2" = 1' - 0"

DOME DIAMETER / RISE SCHEDULE	
CLEAR OPENING DIAMETER	MAXIMUM DOME RISE
6.25"	4.00"
9.50"	5.00"
14.50"	7.00"
22.00"	10.50"



⑥ 60 MIL. MEMBRANE FLASHING DETAIL  
SCALE: HALF SIZE

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
Acceptance No. 14-1028.03  
Expiration Date 12/18/2019  
By *Heidi Dade*  
Miami Dade Product Control

R&S Professional Engineering  
COA# 29251  
Luis A. Rosado, P.E. #61828  
Milan Slovak, P.E. #67628  
3300 26th Street West - Bradenton, FL 34205  
813-947-7557 Fax 813-947-7527 Email: rse@rspe.com

DOMES SKYLIGHT APPROVAL:  
**TUBULAR SKYLIGHT INC.**  
753 CATTLEMAN ROAD.  
SARASOTA, FL 34232

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© 2014  
TUBULAR SKYLIGHT INC.

KDP: 1029  
SCALE NOTED  
DRAWN BY:  
A. Ferra  
DATE: 01-31-11

REVISIONS	
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4 OF 4

MAR 12 2015